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(51) INT CL<sup>6</sup>

H04N 7/088, G06F 17/30

(52) UK CL (Edition P)

G4A AUDB  
H4F FB8 FD22 FD24  
U1S S2206

(56) Documents Cited

EP 0758833 A2 EP 0705036 A2 WO 97/46011 A1  
WO 97/02702 A2 WO 94/14284 A1 US 5606591 A  
US 5223924 A

(58) Field of Search

UK CL (Edition P) G4A AUDB, H4F FB8  
INT CL<sup>6</sup> G06F 17/30, H04N 7/088  
Online: WPI

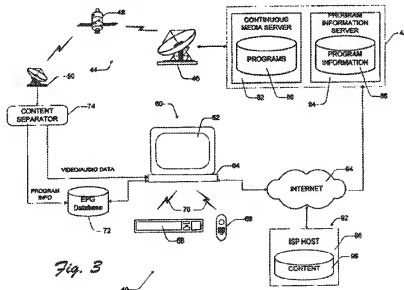
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(54) Abstract Title

An electronic television programme guide

(57) An electronic programme guide (EPG) database is interrogated to produce a list of programmes that may be of interest to a viewer. Queries may be composed by users or may be developed automatically by inspection of viewing habits or viewer profiles. Viewer profiles may be produced by interrogation of the viewer. User queries may be stored hierarchically and queries relating to different viewers may be merged. Queries may be allowed to run continually to uncover programmes of interest as they arise in the EPG. Queries may restrict selection of certain categories. A 10-key alphanumeric keypad may be used to enter query data. The EPG interprets the data from each key to mean any of the numbers or letters associated therewith and identifies all possible programmes and channels and networks. As the viewer continues to add letters or numbers, the list narrows dynamically until only a few choices remain. The EPG data may be transmitted with the TV signals and may contain links to Web pages.



## - ETV-TVHOST, INC.

File Edit View Date Search Editorial User Help

☐
☐
☐
☐
☐ GHD ☐ Log ☐ Station ☐ Titles ☐ Advers ☐ Category ☐ Movies ☐ Sports ☐ Custom ☐ Schedule

	Date	Station	Title/Editor	Duration
Business	12/15 8:00 am	CNBC	This Morning's Business	30 min
Children	12/15 8:00 am	USA	First Business	30 min
Educational	12/15 8:30 am	CNBC	Money Wheel	3 hours
Game Show	.	.	.	.
Health	.	.	.	.
Parenting	.	.	.	.
How To	.	.	.	.
Medical	.	.	.	.
Miscellaneous	.	.	.	.
Movies	.	.	.	.
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Specs	.	.	.	.
Sports	.	.	.	.

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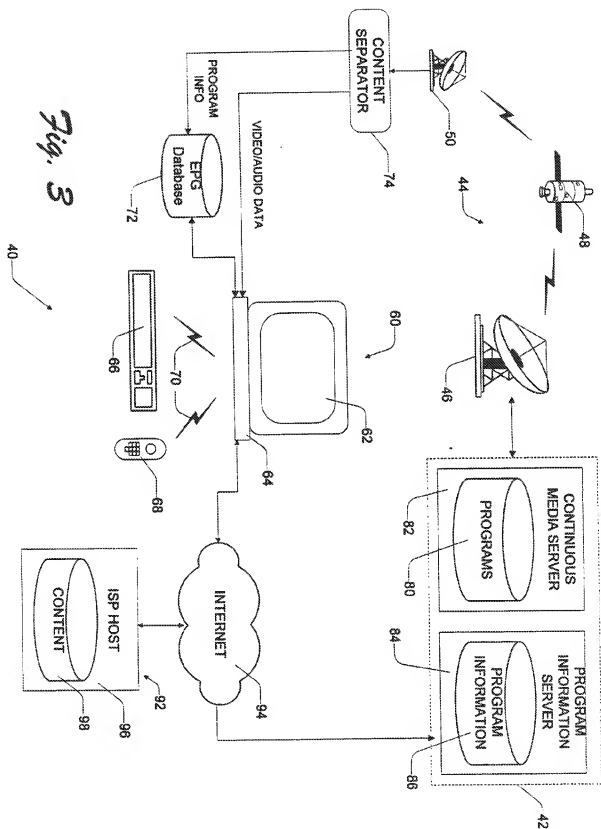
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Fig. 1

Prior Art

[illegible]

Fig. 2  
Prior Art



STORAGE PONTER	TITLE	ACTOR	CC	STEREO	TIME	NETWORK	SUPPLEMENTAL CONTENT	DESCRIPTION
PROG1	MURDER, SHE WROTE	LANDESBURY	YES	YES	8:00 PM THURSDAY	CBS	CONTENT1	"The Secret of Gila Junction" Jessica...
PROG2	SEINFELD	SEINFELD	YES	YES	9:00 PM THURSDAY	NBC	<a href="http://www.abc.com/seinfeld.html">http://www.abc.com/ seinfeld.html</a>	"The Flare Club" Jerry tries...
PROG3	STAR TREK NEXT GEN.	STEWART	YES	YES	10:00 PM FRIDAY	FOX	<a href="http://www.fox.com/star Trek.html">http://www.fox.com/ star Trek.html</a> <a href="http://www.collectors.com/trekcollectables.html">http://www.collectors.com/ trekcollectables.html</a>	"Delta Vega" Picard is faced....

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Fig. 4

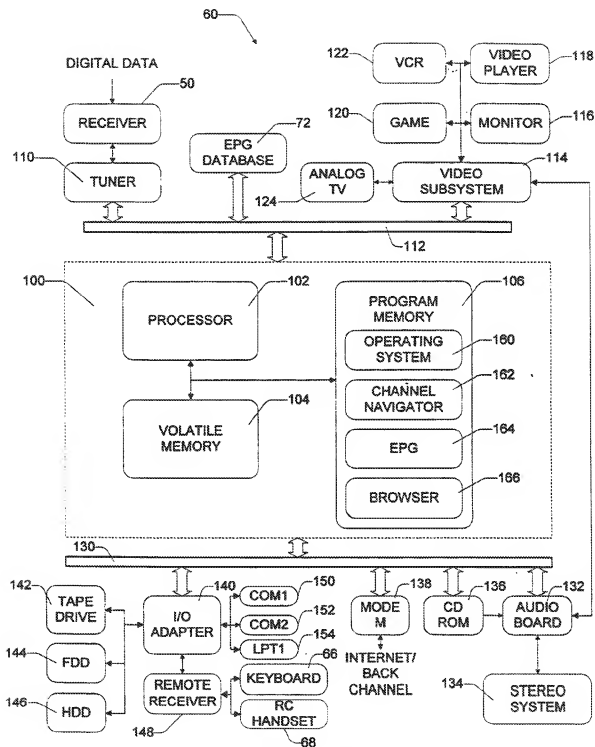


Fig. 5

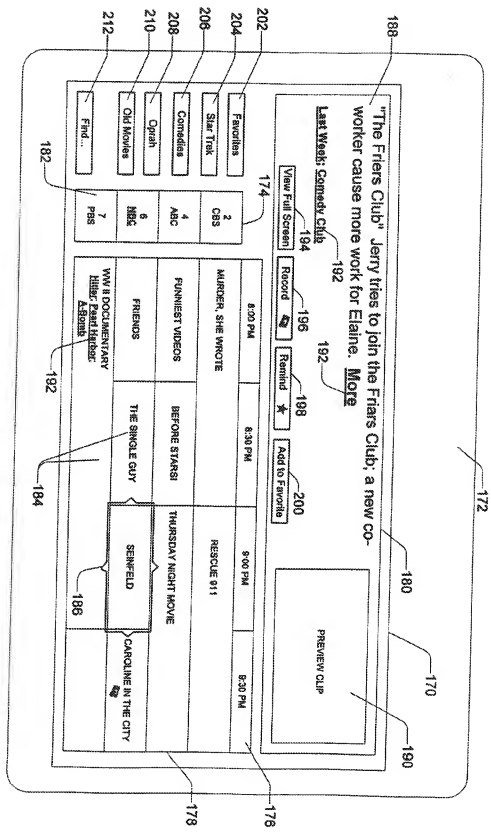


Fig. 6

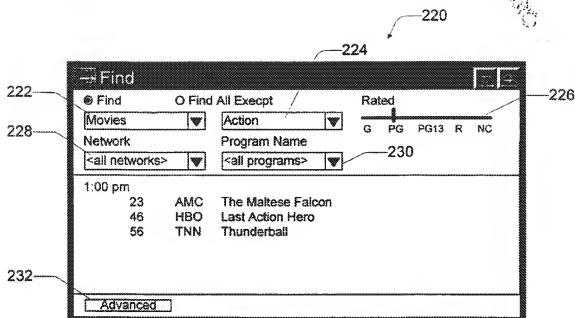


Fig. 7

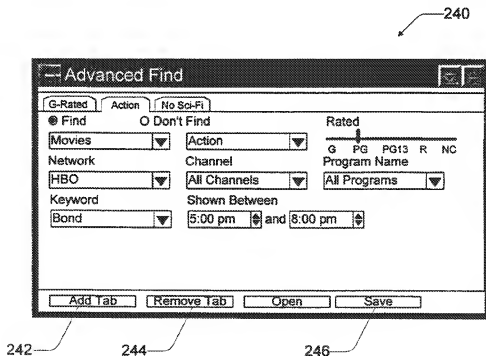


Fig. 8



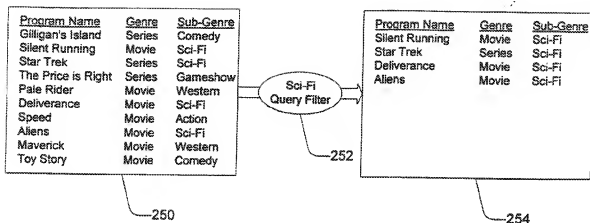


Fig. 9

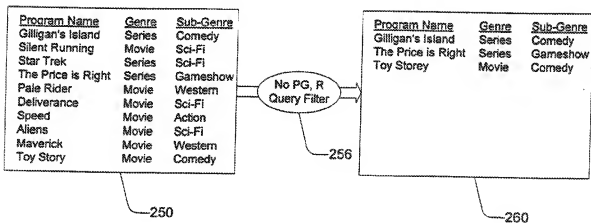


Fig. 10

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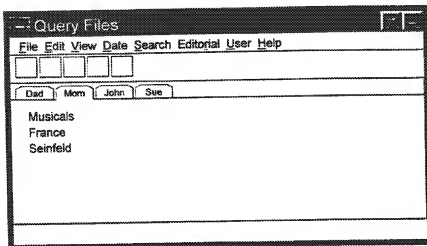


Fig. 11

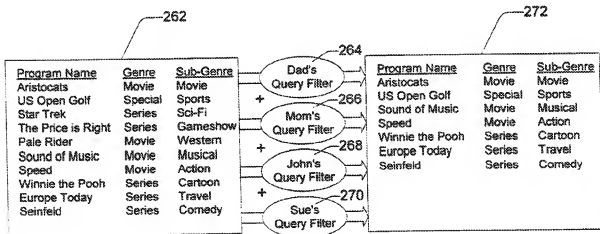


Fig. 12

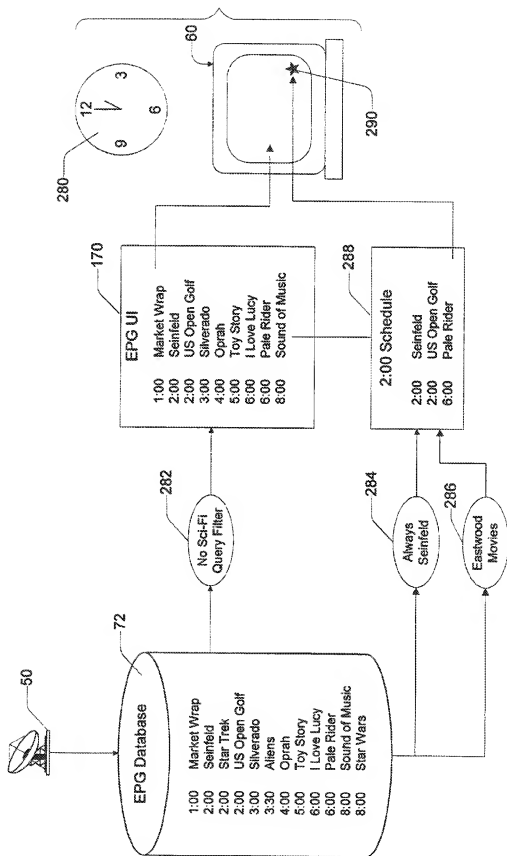


Fig. 13

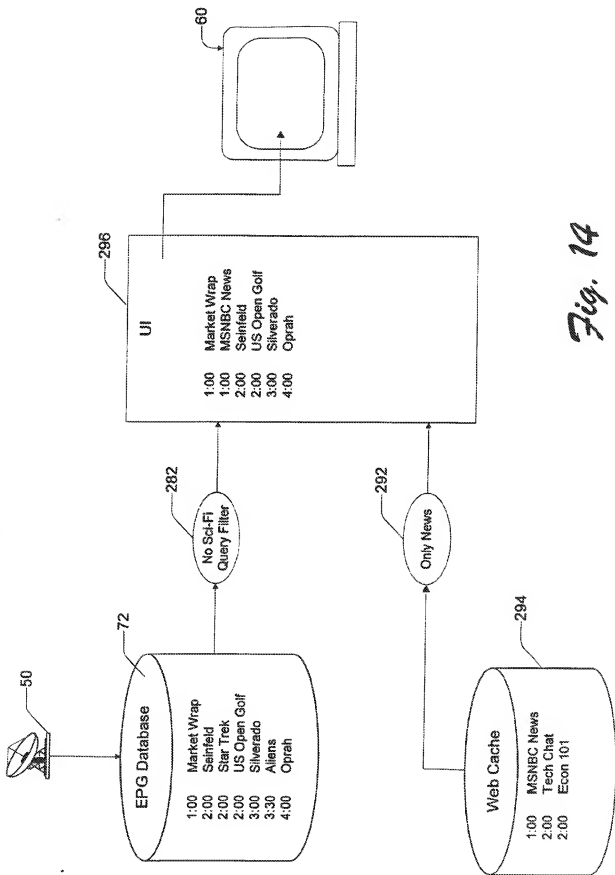


Fig. 14

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Quick Find

Enter Network or Program Name

Magic |

Network	Program Name
ESPN	Orlando Magic v. Chicago Bulls
WGN	Chicago Bulls at Orlando Magic
DSC	Magical World of Science
DISN	Tour of the Magic Kingdom at Disney World

Fig. 15

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(31) 10200364425 (32) 17.09.2003 (33) KR

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(51) INT CL<sup>7</sup>:  
H04H 1/00, H04N 5/445 7/025

(52) UK CL (Edition X):  
H4F FB8B  
H4L LERX

(56) Documents Cited:  
EP 1220479 A2 EP 0589695 A2  
EP 0961430 A2 EP 0843429 A2

(58) Field of Search:  
INT CL<sup>7</sup> H04B, H04H, H04N  
Other: Online: WPI, EPODOC, JAPID, INSPEC,  
COMPENDEX

(54) Abstract Title: Digital multimedia broadcasting receiver which displays additional information

(57) A method of using additional information at a DMB (Digital Multimedia Broadcasting) receiver includes the steps of: extracting and displaying additional information from a DMB signal; selecting and storing a desired one of the displayed additional information; displaying a list of the stored additional information depending on a user's request command; and outputting additional information selected at the list of the additional information.

A feature element describing a feature of the additional information may be stored and used to arrange the display of additional information or to extract additional information corresponding to the feature element from the received DMB signal. The additional information may be traffic information or news.

FIG. 11

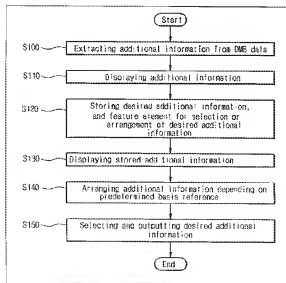


FIG. 1

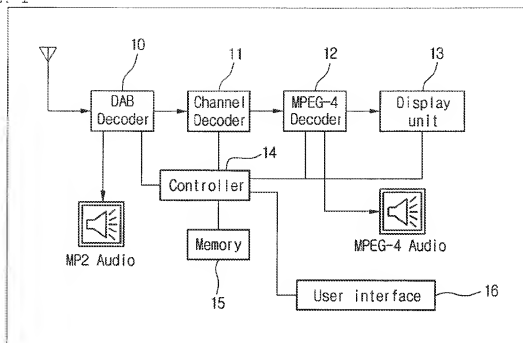


FIG. 2

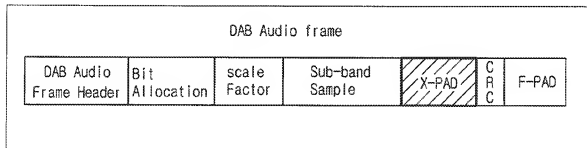


FIG. 3

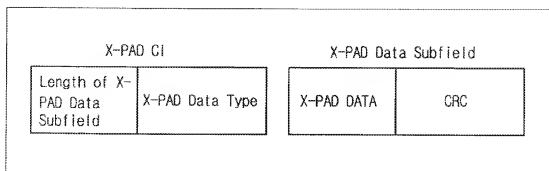


FIG. 4

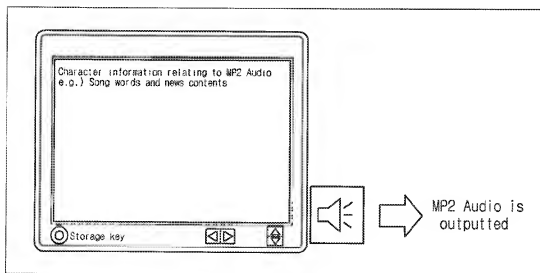




FIG. 5

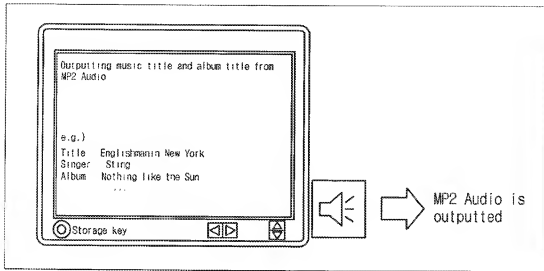


FIG. 6

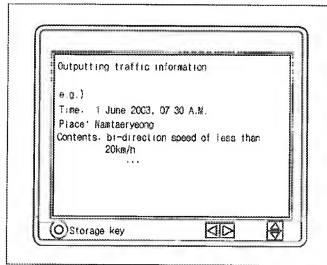


FIG. 7



FIG. 8

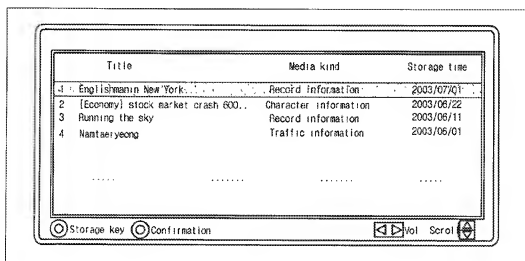


FIG. 9

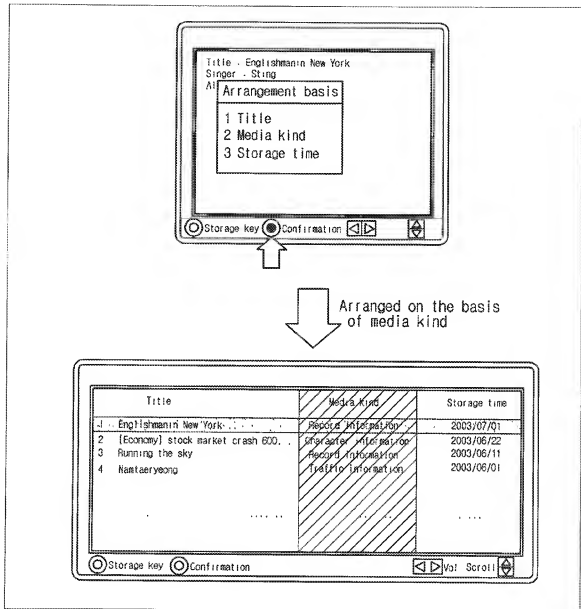


FIG. 10

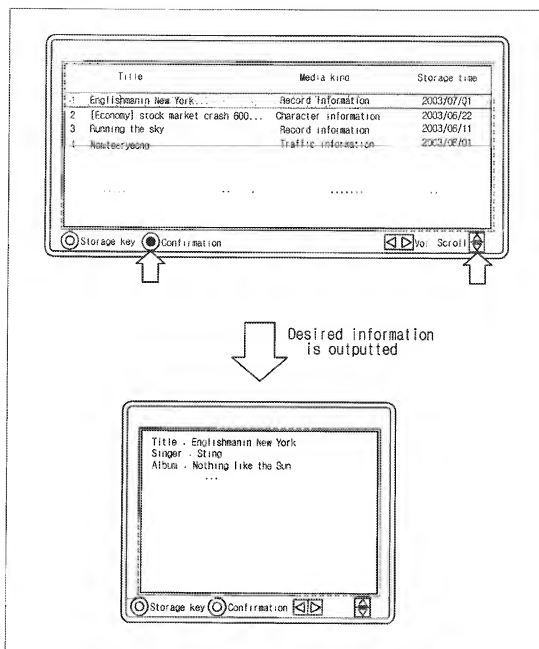


FIG. 11

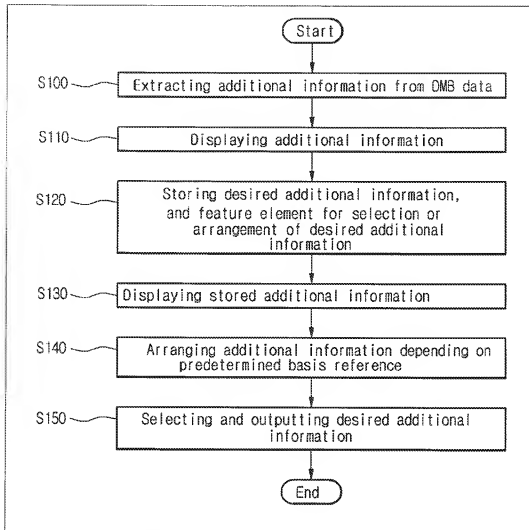


FIG. 12

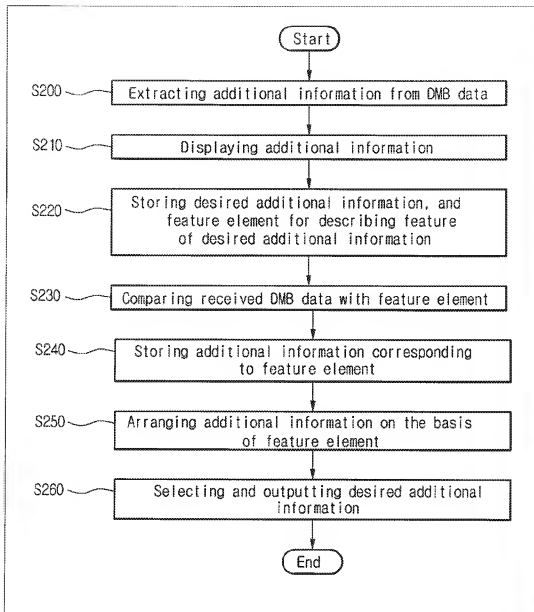
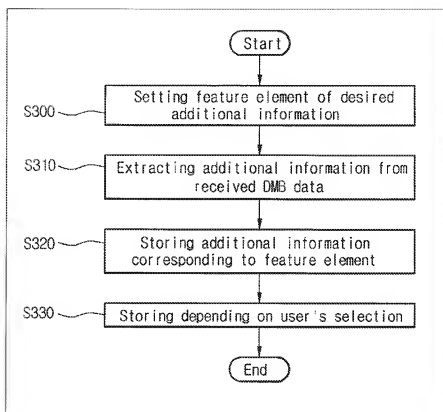


FIG. 13



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G06F 17/30, H04N 7/14, 7/173

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(25) Filing Language: English

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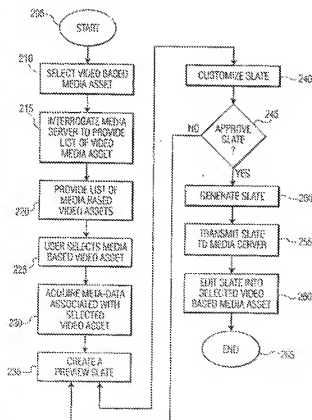
(74) Agents: TRIPOLI, Joseph, S. et al., 2 Independence Way, Suite 200, Princeton, New Jersey 08540 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NL, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR AUTOMATICALLY GENERATING A SLATE USING METADATA



(57) Abstract: A system (100) and corresponding methods (205-265) are provided for enabling the automatic generation of a slate using metadata. The method comprises the steps of: receiving a request to provide a user with a list of video media assets so the user can select a video media asset to generate a slate (210); providing the user with the list of video media assets (220) and receiving a selected video media asset from the user (225); acquiring metadata associated with the selected video media asset (230); creating a preview of the slate by generating fields that are associated with the acquired metadata (235); generating the slate in response to the user's approval of the previewed slate (250); transmitting the slate to a video server (255); and editing the slate into the selected video media asset (260) so the slate and the video media asset can be viewed in conjunction with each other, thereby providing the user (via the slate) with information about the video media asset such as the video media asset's name, duration, database location, etc.



(19)



(11)

**EP 1 988 711 A2**

(12)

**EUROPEAN PATENT APPLICATION**

(43) Date of publication:

**05.11.2008 Bulletin 2008/45**

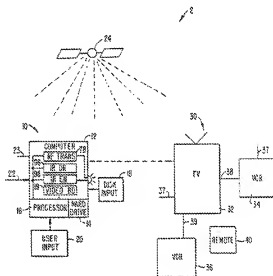
(51) Int Cl.:

**H04N 7/10 (2006.01)**(21) Application number: **08161654.2**(22) Date of filing: **02.10.1996**

(84) Designated Contracting States:

**AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC  
NL PT SE**(30) Priority: **02.10.1995 US 537650 P****03.05.1996 US 642259 P****26.07.1996 US 22826 P**(62) Document number(s) of the earlier application(s) in  
accordance with Art. 76 EPC:**05075464.7 / 1 542 464****96936153.4 / 0 880 856**(71) Applicant: **Starsight Telecast, Inc.****Los Angeles,****California 90028 (US)**(72) Inventor: **The designation of the inventor has not  
yet been filed**(74) Representative: **Neobard, William John et al  
Kilburn & Strode  
20 Red Lion Street  
London WC1R 4PJ (GB)****Remarks:**This application was filed on 01-08-2008 as a  
divisional application to the application mentioned  
under INID code 62.**(54) Systems and methods for providing television schedule information**

(57) The present invention provides systems and methods for providing television schedule information to a viewer, and for allowing the viewer to link, search, select and interact with information in a remote database, e.g., a database on the internet. The television schedule information can be displayed on a variety of viewer interfaces, such as television screens (32), computer monitors (10), PCTV screens (362) and the like. The television schedule information may be stored on the viewer's computer (10), television (32), PCTV (362), or a remote server (350), or the television schedule information may be downloaded from a remote database to the viewer's computer (10), television (32) or PCTV (362).

**FIG. 1****EP 1 988 711 A2**